

## Different constructs to integrate

dCas9	Promoter	gRNA	Amino acids in the plate		Selection of the plates	Number of plates		Part	Number of integrations	Amount required [µg]
dCas9			His, Ura, Leu		His, Ura,Leu	1		dCas9	29	116
dCas9	∅	A0	His, Ura		His, Leu	4		A0	3	12
dCas9	∅	A1	His, Ura		His, Ura	11		A1	3	12
dCas9	∅	A2	His, Ura		His (2 plates)	30		A3	2	8
dCas9	∅	A3	His, Ura					I0	3	12
dCas9	∅	I0	His, Ura					I1	3	12
dCas9	∅	I1	His, Ura					I2	2	8
dCas9	∅	I2	His, Ura					I3	2	8
dCas9	∅	I3	His, Ura					AI0	2	8
dCas9	∅	AI0	His, Ura					AI1	2	8
dCas9	∅	AI1	His, Ura					AI3	2	8
dCas9	∅	AI3	His, Ura			46		CYC0	5	20
dCas9	CYC0	∅	His, Leu					CYC1	5	20
dCas9	CYC1	∅	His, Leu					CYC2	3	12
dCas9	CYC2	∅	His, Leu					CYC3	5	20
dCas9	CYC3	∅	His, Leu							
dCas9	CYC0	A0	His					Total	71	284
dCas9	CYC0	I0	His							
dCas9	CYC0	AI0	His							
dCas9	CYC0	I1	His							
dCas9	CYC1	A1	His							
dCas9	CYC1	I1	His							
dCas9	CYC1	AI1	His							
dCas9	CYC1	A0	His							
dCas9	CYC2	I2	His							
dCas9	CYC2	A1	His							
dCas9	CYC2	A2	His							
dCas9	CYC3	A3	His							
dCas9	CYC3	I3	His							

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dCas9	CYC3	AI3	His							
dCas9	CYC3	I0	His							